

UNIVERSAL CLOCK REFERENCE

ABSTRACT OF THE INVENTION

A system and method of synchronizing a pair of communication devices using a carrier signal from a global positioning system (GPS). The method comprises the steps of:

5 receiving a GPS carrier signal at a first device; at the first device, deriving from the carrier signal a transmitter clock signal having a predetermined frequency; transmitting data at the predetermined frequency from the first device; receiving the data at a second device; receiving the GPS carrier signal at the second device; and at the second device, deriving from the carrier signal a receiver clock signal having the predetermined frequency.